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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/045,651
	Filing Date	11/07/2001
	First Named Inventor	Amnon GANOT, et al.
	Group Art Unit	2825
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	501010.20522 (23538.39)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Acknowledgement Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or individual name	William H. Dippert Reed Smith LLP
Signature	<i>William H. Dippert</i>
Date	08/14/2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: August 14, 2002			
Typed or printed name	William H. Dippert		
Signature	<i>William H. Dippert</i>	Date	08/14/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. 085/02455
In Re Application Of: <b>Amnon GANOT, et al.</b>			
Serial No. <b>10/045,651</b>	Filing Date <b>November 7, 2001</b>	Examiner <b>Unknown</b>	Group Art Unit <b>2825</b>
Title: <b>MULTI-LAYER PRINTED CIRCUIT BOARD FABRICATION SYSTEM AND METHOD</b>			
<p>Address to: <b>Assistant Commissioner for Patents</b> <b>Washington, D.C. 20231</b></p> <p><b>37 CFR 1.97(b)</b></p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;"><b>37 CFR 1.97(c)</b></p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="margin-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center;"><b>OR</b></p> <p style="margin-left: 40px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>			

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In regard to the application of: Amnon GANOT, et al.

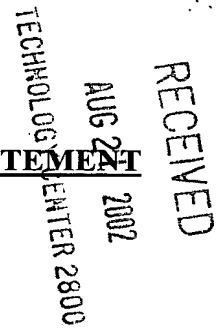
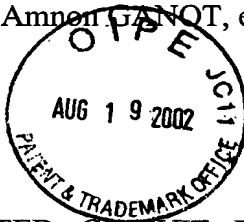
Serial No: 10/045,651

Group Art Unit: 2825

Filed: November 7, 2001

Examiner: Unknown

For: MULTI-LAYER PRINTED CIRCUIT BOARD FABRICATION SYSTEM AND METHOD



**FIRST SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT**

Hon. Commissioner of Patents and Trademarks

Washington, DC 20231

Sir:

Applicants respectfully direct the attention of the Examiner to additional art cited in a corresponding PCT Application No. PCT/IL01/01028.

The Examiner is respectfully requested to review and consider this art, in accordance with MPEP 2001.06, MPEP 1893.03(e) and MPEP 1893.03(g) and to indicate in the first office action that he has considered this art. Additionally, the Examiner is respectfully requested to cite those prior art publications mentioned in this application which the Examiner considers to be material or relevant to the present claims.

Further, in order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached is Form PTO-1449 listing the cited art. Also attached are copies<sup>1</sup> of the art. This art contains information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent.

Applicants wish to point out that the attached items were cited in the International Search Report of related PCT Application No. PCT/IL01/01028, a copy of which is also attached. The second reference cited on the attached search report (WO 00/02424), was previously cited in the present application, and is therefore not attached.

<sup>1</sup> To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the national stage file. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached, it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such an equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited then none is known to the undersigned.

In accordance with MPEP Section 609 it is requested that each document cited [including any mentioned in Applicants' specification which is not repeated on the attached (or prior) PTO-1449 form(s)] be given thorough consideration and be cited of record in the prosecution history of the present application by initialing on the PTO-1449 form, so that it will appear on the face of the patent issuing on the present application, even if the Examiner does not consider it sufficiently pertinent to use in a rejection, or otherwise does not believe that the guidelines for citation have been fully complied with.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a), and in the course of such search will review for relevance every document cited on the attached form.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,  
Amnon GANOT, et al.



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Paul FENSTER,  
Registration No. 33,877

August 13, 2002

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL01/01028

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06K 9/32  
US CL : 382/147

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 318/87, 126; 382/145, 147, 151, 287, 289, 291, 293, 294, 295, 296, 297, 298, 319; 356/237.4, 237.5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST (all databases), IEEE, SPIE, ACM

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,156,772 A (ALLAN et al.) 20 October 1992, figure 7A, column 26, lines 1-50.	1-31, 37-39
A	WO 00/02424 A1 (RETSCHKE et al.) 13 January 2000, figure 14 and page 36.	1-12, 17-31, 37-85
A, P	US 6,246,789 B1 (HOSOTANI et al.) 12 June 2001, figure 4.	17-19, 37-39
A	US 6,064,757 A (BEATY et al.) 16 May 2000, figure 2B, column 7, lines 1-11.	13-16, 32-36



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:		"I"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier document published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"G"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

28 MAY 2002

Date of mailing of the international search report

24 JUN 2002

Name and mailing address of the ISA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

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Authorized officer

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